

What is claimed is:

1. An extrusion coating method of extruding a coating solution from a coater onto a web-shaped substrate, comprising steps of:

conveying the substrate in a conveying direction;
supporting by coming in contact with a first side surface of the substrate by a back-roll; and
extruding simultaneously at least a lowermost layer solution and an adjacent layer solution onto a second side surface of the supported substrate in such a way that the lower most layer solution is coated on the second surface and the adjacent layer is superimposed on the lowermost layer solution,

wherein a viscosity V_a (Pa·s) of the lowermost layer solution and a viscosity V_b (Pa·s) of the adjacent layer solution satisfy the following formula.

$$V_b/V_a \leq 2.5$$

2. The extrusion coating method of claim 1, wherein the viscosity V_a , the viscosity V_b , a thickness T_a (μm) of the lowermost layer solution and a thickness T_b of the adjacent layer solution satisfy the following formula.

$$(V_b/V_a)/(T_b/T_a) < 7.5$$

3. The extrusion coating method of claim 1, wherein the viscosity V_a and the viscosity V_b satisfy the following formula.

$$2.5 \leq (V_b/V_a) \leq 30$$

4. The extrusion coating method of claim 2, wherein the viscosity V_a , the viscosity V_b , the thickness T_a and the thickness T_b satisfy the following formula.

$$0.8 \leq (V_b/V_a)/(T_b/T_a) < 7.5$$

5. The extrusion coating method of claim 1, wherein the adjacent layer solution is a solution diluting the lowermost layer solution.

6. The extrusion coating method of claim 1, wherein the viscosity V_b is not less than 0.01 Pa·s.

7. The extrusion coating method of claim 6, wherein the viscosity V_b is not more than 3.0 Pa·s.